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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</small>	Attorney Docket No.	109.629.111
	First Inventor or Application Identifier	Schermer
	Title	Method and Apparatus for...
	Express Mail Label No.	EL384917375US

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small>	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification [Total Pages 28] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none">- Descriptive title of the invention- Cross References to Related Applications- Statement Regarding Fed sponsored R & D- Reference to Microfiche Appendix- Background of the invention- Brief Summary of the invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copyb. <input type="checkbox"/> Paper Copy (identical to computer copy)c. <input type="checkbox"/> Statement verifying identity of above copies
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 7]	ACCOMPANYING APPLICATION PARTS <ul style="list-style-type: none">7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)9. <input type="checkbox"/> English Translation Document (if applicable)10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations11. <input type="checkbox"/> Preliminary Amendment12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)<ul style="list-style-type: none">* Small Entity <input type="checkbox"/> Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)13. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)14. <input type="checkbox"/> Other: _____15. <input type="checkbox"/> Other: _____
4. Oath or Declaration [Total Pages 4] <ul style="list-style-type: none">a. <input type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed)<ul style="list-style-type: none">i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).	
* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).	

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____
Prior application information: Examiner _____ Group / Art Unit: _____
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

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(Insert Customer No. or Attach bar code label here)

Name	Richard A. Goldenberg			
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Name (Print/Type)	Richard A. Goldenberg	Registration No. (Attorney/Agent)	38,895
Signature	<i>Richard A. Goldenberg</i>	Date	03/20/00

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for FY 2000

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Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$1,440.00)

Complete if Known

Application Number	TBA
Filing Date	March 20, 2000
First Named Inventor	Schermer
Examiner Name	TBA
Group / Art Unit	TBA
Attorney Docket No.	109.629.111

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																														
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: 08-0219</p> <p>Deposit Account Name: HALE AND DORR</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p> <p>2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>Large Entity Code</th> <th>Small Entity Code</th> <th>Fee (\$)</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Richard A. Goldenberg	Registration No. (Attorney/Agent)	38,895
Telephone	(617) 526-6000	Date	March 20, 2000
Signature	<i>Richard A. Goldenberg</i>		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No. 109.629.111)

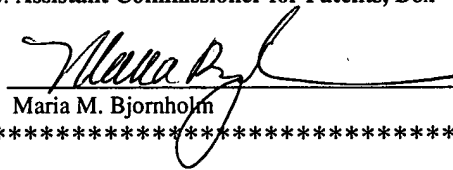
In re Application of:)
SHERMER et al.) Examiner: Not Yet Assigned
Serial No. Not Yet Assigned) Art Unit: Not Yet Assigned
Filed: Herewith)
For: METHOD AND APPARATUS FOR)
AUTOMATIC PIN DETECTION)
IN MICROARRAY SPOTTING)
INSTRUMENTS)

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. §1.10

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Maria M. Bjornholm

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, D.C. 20231

Sir:

TRANSMITTAL LETTER

Enclosed herewith for appropriate action by the United States Patent and Trademark Office are the following documents:

1. New Utility Patent Application Transmittal (37 C.F.R. §1.53(b)), (in duplicate) including:
 - 21 Pages of Specification
 - 06 Pages of Claims
 - 01 Page of Abstract
 - 07 Sheets of Drawings (Fig Nos. 1A Through 15);
2. Combined Declaration and Power of Attorney (Unsigned); and
3. Return Postcard.

Schermer et al.
Serial No.: TBA
Page Two

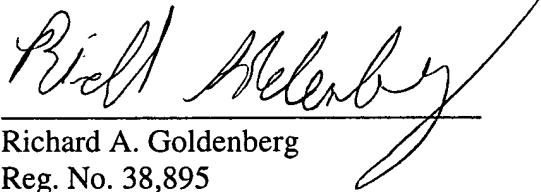
Please send all correspondence related to the subject application to:

**Richard A. Goldenberg
Hale and Dorr LLP
60 State Street
Boston, Massachusetts 02109**

The Commissioner is hereby authorized to charge any fee deficiency or credit any overpayment to Deposit Account No. 08-0219.

Respectfully submitted,

HALE AND DORR LLP



Richard A. Goldenberg
Reg. No. 38,895
Attorney for Applicants

Dated: March 20, 2000

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